

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1 to 8 (Canceled).

Claim 9 (Currently Amended). A radial piston pump ~~(1)~~ for high-pressure fuel generation in fuel injection systems of internal combustion engines, ~~in particular in a common rail injection system,~~ having a drive shaft ~~(4)~~ which is mounted in a pump casing ~~(2)~~ and has an eccentric shaft section ~~(6)~~ on which a running roller ~~(8)~~ is mounted, and having preferably a plurality of pistons ~~(16)~~, which are arranged in a respective cylinder ~~(14)~~ radially with respect to the drive shaft ~~(4)~~ and each have a piston footplate ~~(18)~~, which makes contact with the circumferential surface ~~(10, 12)~~ of the running roller ~~(8)~~, at their ends facing the running roller ~~(8)~~, wherein at least that surface ~~(28, 31)~~ of the piston footplate ~~(18)~~ which is in contact with the circumferential surface ~~(10, 12)~~ of the running roller

~~(8)~~ consists of hard metal, a cast carbide material, or cermet.

Claim 10 (Currently Amended). The radial piston pump as claimed in claim 9, wherein the piston footplate ~~(18)~~, on its surface ~~(31)~~ facing the running roller ~~(8)~~, bears at least one insert ~~(30)~~ made from hard metal, from a cast carbide material or from cermet.

Claim 11 (Currently Amended). The radial piston pump as claimed in claim 9, wherein the hard metal ~~contains~~ consists of G20, GC37 or GC20 and has a surface roughness R_z of between 0.3 μm and 1.0 μm .

Claim 12 (Currently Amended). The radial piston pump as claimed in claim 9, wherein the cast carbide material contains a chilled cast iron material, ~~in particular~~ consisting of GGH or SoGGH, and has a surface roughness R_z of between 0.5 μm and 2.0 μm .

Claim 13 (Currently Amended). The radial piston pump as claimed in claim 9, wherein the piston footplate ~~(18)~~, on its

surface ~~(31)~~ facing the running roller ~~(8)~~, has at least two grooves ~~(50)~~ which cross one another.

Claim 14 (Currently Amended). The radial piston pump as claimed in claim 13, wherein one such groove ~~(50)~~ is in each case arranged in the center of a depression ~~(39)~~, forming a groove run-out, in the surface ~~(31)~~.

Claim 15 (Currently Amended). The radial piston pump as claimed in claim 9, wherein the surface of the piston footplate (18) ~~and/or~~ or of the running roller ~~(8)~~ has a surface roughness R_z of between 0.15 μm and 2 μm .